



ARKANSAS DEPARTMENT OF HEALTH

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Secretary of Health**

COVID-19 Variant of Concern (VOC) Case Report Arkansas, 2021

Week Ending Saturday 08/28/2021

The Arkansas Department of Health (ADH) receives COVID-19 variant reports of a limited number of cases that were sequenced for selected Arkansas residents. The information provided is not the count of all cases due to the COVID-19 Delta variant nor of the counts of all the variants in the state, and are only based on a very small, non-random, convenience sample of cases. Therefore, it is important to understand that this information is not representative of all cases, and does not reflect the overall burden of disease. It is presumed that there are many more people affected than the report shows.

Most of these cases are reported by GISAID and GenBank and identified by ADH staff with assistance from the testing labs. Other data are obtained from [Outbreak.info](https://www.outbreak.info) website.

Due to time lag in getting sequencing results, data are subject to change over time and will be updated as more data become available.

August 30, 2021

Cumulative Number of Arkansas Specimens Sequenced as of August 28, 2021

Total Arkansas Sequences = 4,470* (1.10% Sequenced)

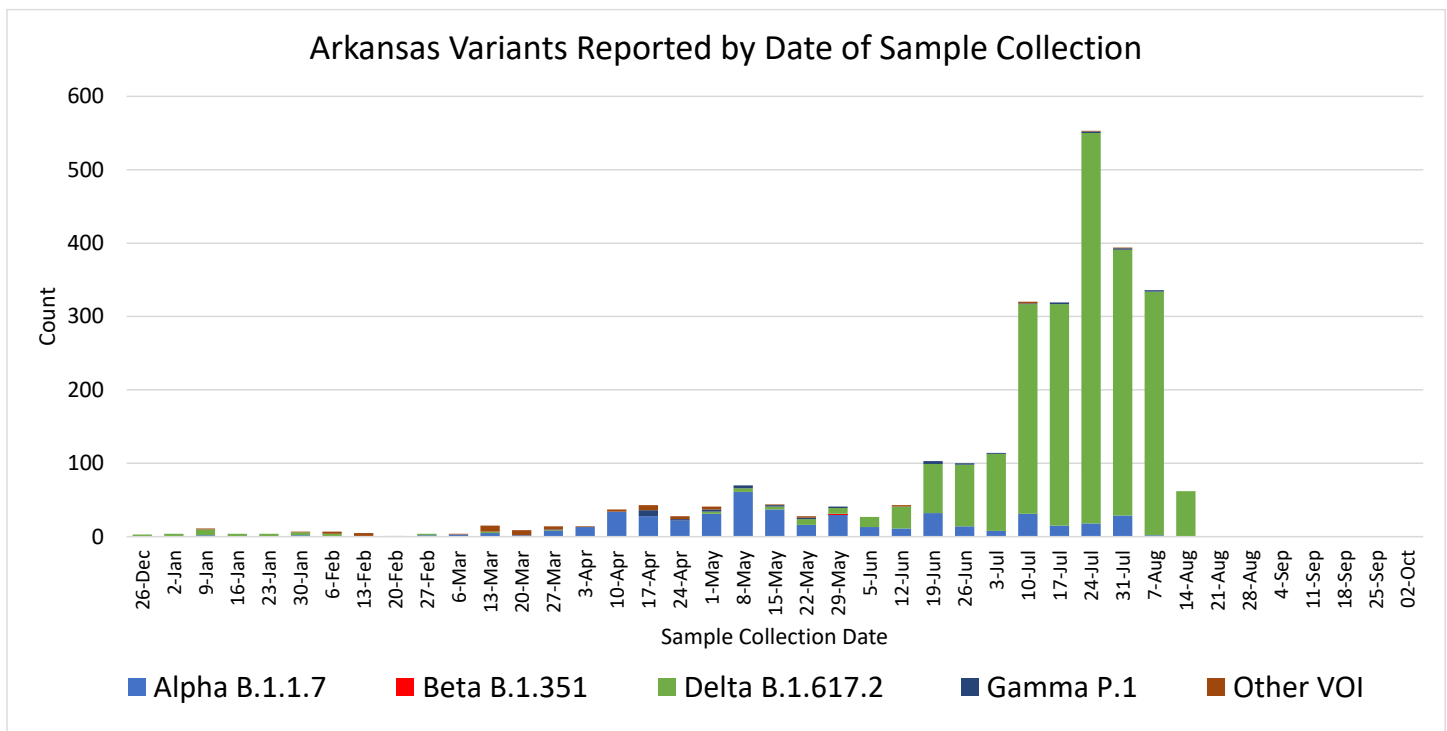
Name, WHO label (First Detected)	AR Sequenced Cases	AR Cumulative Prevalence** (last 30 days)	US Cumulative Prevalence** (last 30 days)
B.1.1.7, Alpha (UK)	764	17% (1%)	26% (2%)
P.1, Gamma (Brazil)	57	2% (<0.5%)	3% (1%)
B.1.617.2 Delta (India) §	3,635	81% (97%)	25% (96%)
B.1.351, Beta (S. Africa)	3	<0.5% (<0.5%)	<0.5% (<0.5%)
B.1.429, Epsilon (California)***	17	<0.5% (<0%)	5% (<0.5%)
B.1.427, Epsilon (California)***	27	<0.5% (<0%)	2% (<0.5%)
B.1.525, Eta (UK/Nigeria) ***	4	<0.5% (0%)	<0.5% (<0.5%)
B.1.526, Iota (New York) ***	21	1% (0%)	4% (<0.5%)
B.1.617.1, Kappa (India) ***	9	<0.5% (0%)	<0.5% (<0.5%)

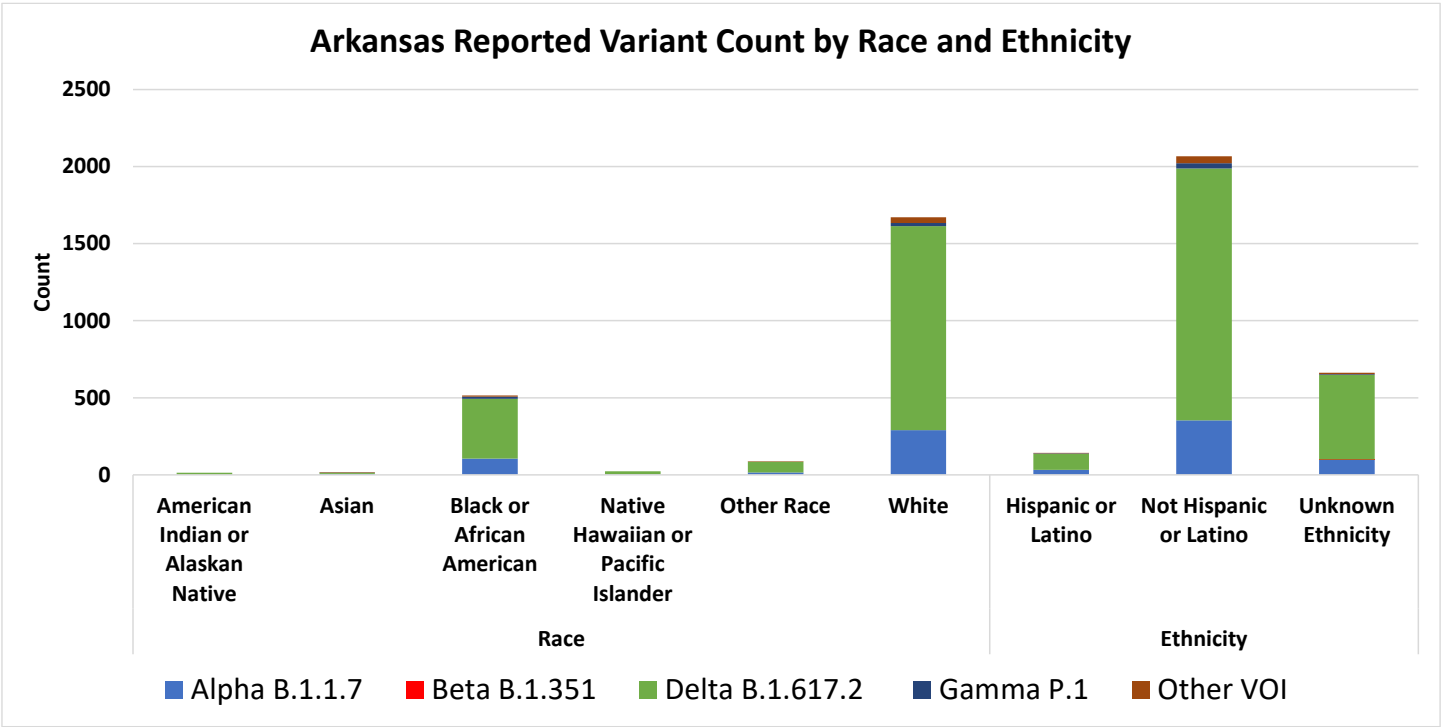
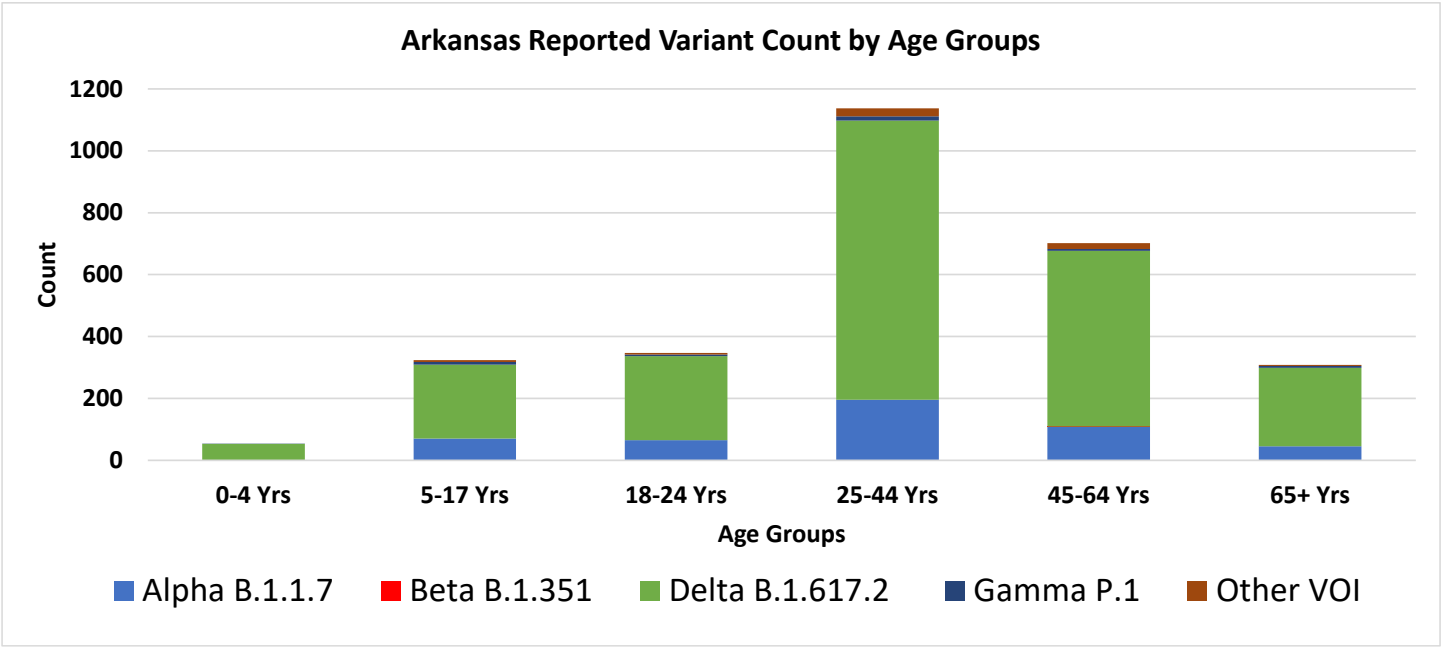
* Data obtained from GISAID

** Data obtained from <https://outbreak.info/situation-reports>

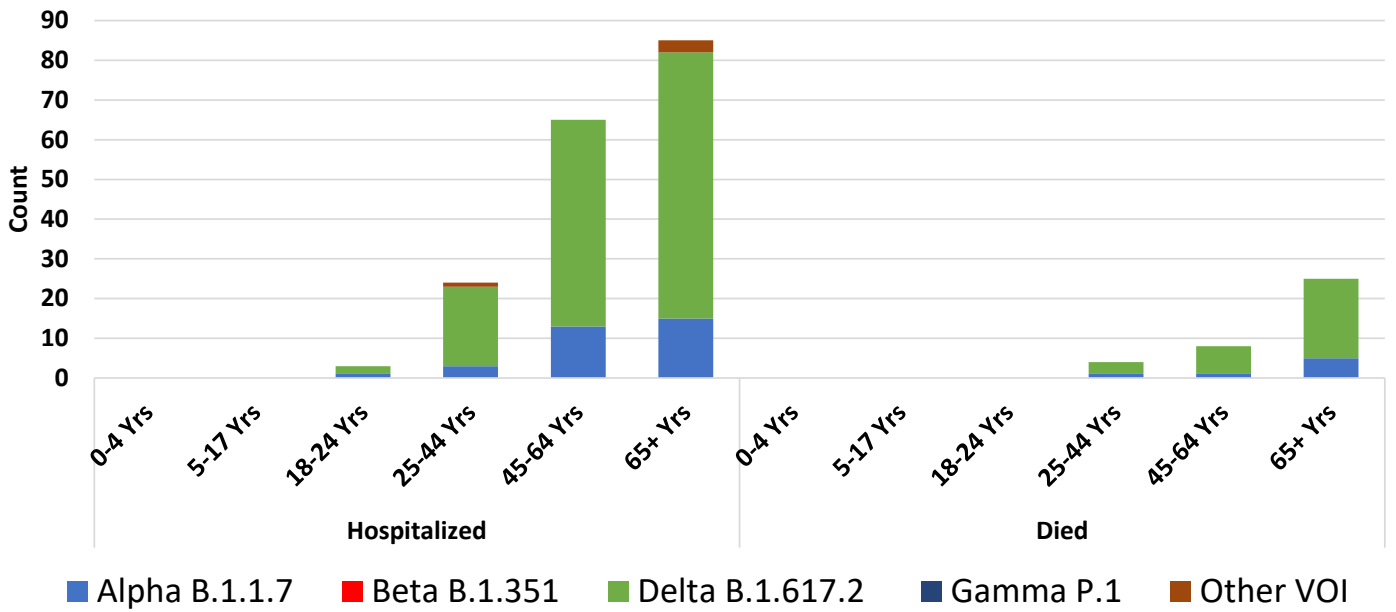
*** Currently a Variant of Interest (VOI)

§ Delta B.1.617.2 includes all new mutations

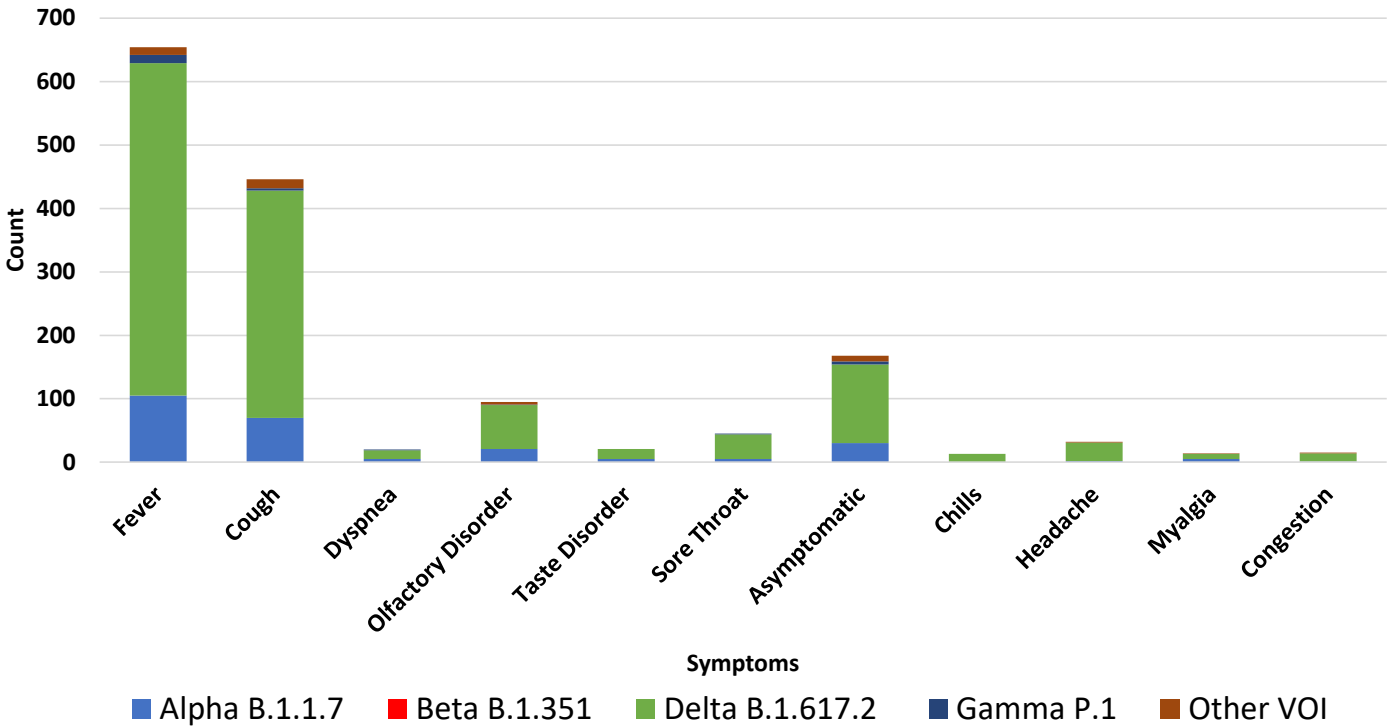




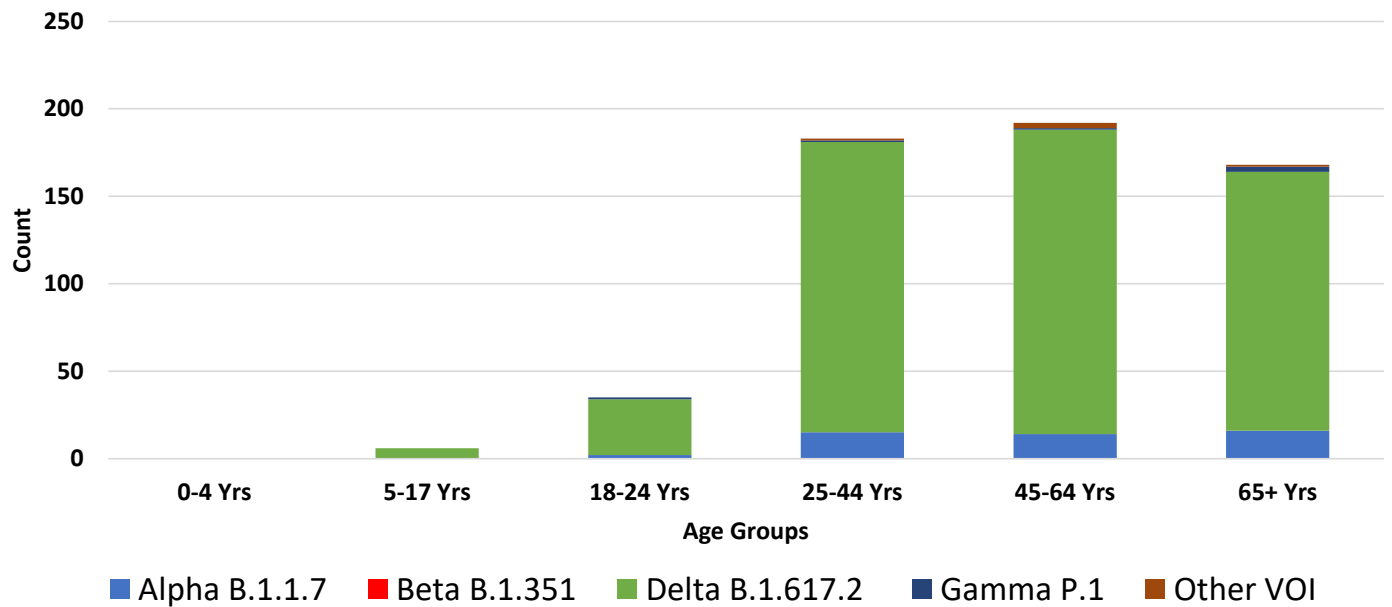
Arkansas Variant Hospitalization and Death by Age Group



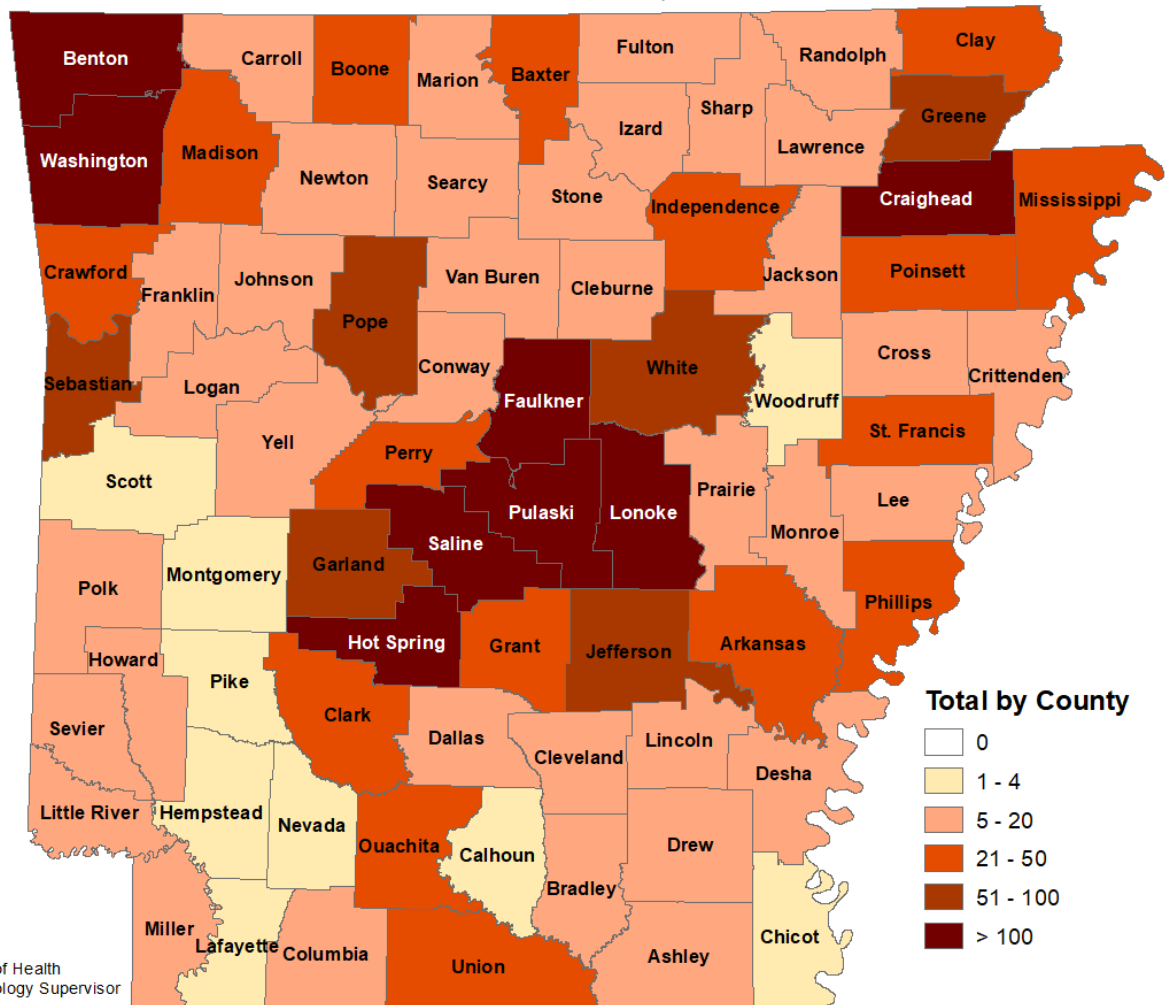
Arkansas Variant Reported Symptoms



Arkansas Vaccine Breakthrough by Variant and Age Groups



Confirmed COVID-19 Variants by County As of August 28, 2021 Arkansas Total: 4,470



Date: August 30, 2021
Source: Arkansas Department of Health
Author: Haytham Safi, Epidemiology Supervisor